

1 MICHIGAN DEPARTMENT OF HEALTH AND HUMAN SERVICES

2
3 CERTIFICATE OF NEED (CON) REVIEW STANDARDS
4 FOR MAGNETIC RESONANCE IMAGING (MRI) SERVICES
5

6 (By authority conferred on the CON Commission by Section 22215 of Act No. 368 of the Public Acts of
7 1978, as amended, and sections 7 and 8 of Act No. 306 of the Public Acts of 1969, as amended, being
8 sections 333.22215, 24.207, and 24.208 of the Michigan Compiled Laws.)
9

10 **Section 1. Applicability**
11

12 Sec. 1. These standards are requirements for the approval of the initiation, expansion, replacement,
13 or acquisition of MRI services and the delivery of services under Part 222 of the Code. Pursuant to Part
14 222 of the Code, MRI is a covered clinical service. The Department shall use these standards in applying
15 Section 22225(1) of the Code, being Section 333.22225(1) of the Michigan Compiled Laws and Section
16 22225(2)(c) of the Code, being Section 333.22225(2)(c) of the Michigan Compiled Laws.
17

18 **Section 2. Definitions**
19

20 Sec. 2. (1) For purposes of these standards:

21 (a) "Acquisition of an existing MRI service or existing MRI unit(s)" means obtaining control or
22 possession of an existing fixed or mobile MRI service or existing MRI unit(s) by contract, ownership,
23 lease, or other comparable arrangement.

24 (b) "Actual MRI adjusted procedures" or "MRI adjusted procedures," means the number of MRI
25 procedures, adjusted in accordance with the applicable provisions of Section 4516, performed on an
26 existing MRI unit, or if an MRI service has two or more MRI units at the same site, the average number of
27 MRI adjusted procedures performed on each unit, for the 12-month period reported on the most recently
28 published "MRI Service Utilization List," as of the date an application is deemed submitted by the
29 Department.

30 (c) "Available MRI adjusted procedures" means the number of MRI adjusted procedures performed
31 by an existing MRI service in excess of 8,000 per fixed MRI unit and 7,000 per mobile MRI unit. For
32 either a fixed or mobile MRI service, the number of MRI units used to compute available MRI adjusted
33 procedures shall include both existing and approved but not yet operational MRI units. In determining the
34 number of available MRI adjusted procedures, the Department shall use data for the 12-month period
35 reported on the most recently published list of available MRI adjusted procedures as of the date an
36 application is deemed submitted by the Department.

37 In the case of a mobile MRI unit, the term means the sum of all MRI adjusted procedures performed
38 by the same mobile MRI unit at all of the host sites combined that is in excess of 7,000. For example, if a
39 mobile MRI unit serves five host sites, the term means the sum of MRI adjusted procedures for all five
40 host sites combined that is in excess of 7,000 MRI adjusted procedures.

41 (d) "Central service coordinator" means the organizational unit that has operational responsibility
42 for a mobile MRI unit(s).

43 (e) "Certificate of Need Commission" or "CON Commission" means the Commission created
44 pursuant to Section 22211 of the Code, being Section 333.22211 of the Michigan Compiled Laws.

45 (f) "Code" means Act No. 368 of the Public Acts of 1978, as amended, being Section 333.1101 et
46 seq. of the Michigan Compiled Laws.

47 (g) "Contrast MRI procedure" means an MRI procedure involving either of the following: (i) a
48 procedure following use of a contrast agent or (ii) procedures performed both before and after the use of
49 a contrast agent.

50 (h) "Dedicated pediatric MRI" means an MRI unit on which at least 80% of the MRI procedures are
51 performed on patients under 18 years of age.

52 (i) "Department" means the Michigan Department of Health and Human Services (MDHHS).

(j) "Doctor" means an individual licensed under Article 15 of the Code to engage in the practice of medicine, osteopathic medicine and surgery, chiropractic, dentistry, or podiatry.

(k) "Existing MRI service" means either the utilization of a CON-approved and operational MRI unit(s) at one site in the case of a fixed MRI service, and in the case of a mobile MRI service, the utilization of a CON-approved and operational mobile MRI unit(s) at each host site, on the date an application is submitted to the Department.

(l) "Existing MRI unit" means a CON-approved and operational MRI unit used to provide MRI services.

(m) "Expand an existing fixed MRI service" means an increase in the number of fixed MRI units to be operated by the applicant.

(n) "Expand an existing mobile MRI service" means the addition of a mobile MRI unit that will be operated by a central service coordinator that is approved to operate one or more mobile MRI units as of the date an application is submitted to the Department.

(o) "Group practice" means a group practice as defined pursuant to the provisions of 42 U.S.C. 1395nn (h)(4), commonly known as Stark II, and the Code of Federal Regulations, 42 CFR, Part 411, published in the Federal Register on August 14, 1995, or its replacement.

(p) "Health service area" or "HSA" means the geographic areas set forth in **Section 2422**.

(q) **"HOSPITAL-BASED PORTABLE MRI" MEANS AN MRI UNIT THAT CAN BE TRANSPORTED INTO PATIENT CARE AREAS (E.G., DEDICATED NEUROSCIENCE UNIT, ICU, OPERATING ROOM) TO PROVIDE IMAGING OF THE BRAIN.**

~~(r)~~ "Host site" means the site at which a mobile MRI unit is authorized by CON to provide MRI services.

~~(fs)~~ "Initiate a fixed MRI service" means begin operation of a fixed MRI service at a site that does not provide or is not CON approved to provide fixed MRI services as of the date an application is submitted to the Department. The term does not include the acquisition or replacement of an existing fixed MRI service to a new site or the renewal of a lease.

~~(st)~~ "Initiate a mobile MRI host site" means the provision of MRI services at a host site that has not received any MRI services within 12 months from the date an application is submitted to the Department. The term does not include the renewal of a lease.

~~(tu)~~ "Initiate a mobile MRI service" means begin operation of a mobile MRI unit that serves two or more host sites.

The term does not include the acquisition of an existing mobile MRI service or the renewal of a lease.

~~(ty)~~ "Inpatient" means an MRI visit involving an individual who has been admitted to the licensed hospital at the site of the MRI service/unit or in the case of an MRI unit that is not located at that licensed hospital site, an admitted patient transported from a licensed hospital site by ambulance to the MRI service.

~~(vw)~~ "Institutional review board" or "IRB" means an institutional review board as defined by Public Law 93-348 that is regulated by Title 45 CFR 46.

~~(wx)~~ "Intra-operative magnetic resonance imaging" or "IMRI" means the integrated use of MRI technology during surgical and interventional procedures within a licensed operative environment.

~~(xy)~~ "Licensed hospital site" means the location of the hospital authorized by license and listed on that licensee's certificate of licensure.

~~(yz)~~ "Magnetic resonance imaging" or "MRI" means the analysis of the interaction that occurs between radio frequency energy, atomic nuclei, and strong magnetic fields to produce cross sectional images similar to those displayed by computed tomography (CT) but without the use of ionizing radiation.

~~(zaa)~~ "MRI adjusted procedure" means an MRI visit, at an existing MRI service, that has been adjusted in accordance with the applicable provisions of **Section 4516**.

~~(aabb)~~ "MRI database" means the database, maintained by the Department pursuant to **Section 44-15** of these standards, that collects information about each MRI visit at MRI services located in Michigan.

~~(bbcc)~~ "MRI-guided electrophysiology intervention" or "MRI-guided EPI" means equipment specifically designed for the integrated use of MRI technology for the purposes of electrophysiology interventional procedures within a cardiac catheterization lab.

(eedd) "MRI procedure" means a procedure conducted by an MRI unit approved pursuant to sections 3, 4, 5, 6, 7, or 9 of these standards which is either a single, billable diagnostic magnetic resonance procedure or a procedure conducted by an MRI unit at a site participating with an approved diagnostic radiology residency program, under a research protocol approved by an IRB. The capital and operating costs related to the research use are charged to a specific research account and not charged to or collected from third-party payors or patients. The term does not include a procedure conducted by an MRI unit approved pursuant to Section 7.

(ddee) "MRI services" means either the utilization of an authorized MRI unit(s) at one site in the case of a fixed MRI service or in the case of a mobile MRI service, the utilization of an authorized mobile MRI unit at each host site.

(eeff) "MRI unit" means the magnetic resonance system consisting of an integrated set of machines and related equipment necessary to produce the images and/or spectroscopic quantitative data from scans including FDA-approved positron emission tomography (PET)/MRI scanner hybrids if used for MRI only procedures. The term does not include MRI simulators used solely for treatment planning purposes in conjunction with a Megavoltage Radiation Therapy (MRT) unit.

(#gg) "MRI visit" means a single patient visit to an MRI service/unit that may involve one or more MRI procedures.

(gghh) "Medicaid" means title XIX of the social security act, chapter 531, 49 Stat. 620, 1396 to 1396g and 1396i to 1396u.

(hhii) "Mobile MRI unit" means an MRI unit operating at two or more host sites and that has a central service coordinator. The mobile MRI unit shall operate under a contractual agreement for the provision of MRI services at each host site on a regularly scheduled basis.

(iii) "Ownership interest, direct or indirect" means a direct ownership relationship between a doctor and an applicant entity or an ownership relationship between a doctor and an entity that has an ownership relationship with an applicant entity.

(jjkk) "Pediatric patient" means a patient who is 12 years of age or less, except for Section 8.

(kkll) "Planning area" means

(i) in the case of a proposed fixed MRI service or unit, the geographic area within a 20-mile radius from the proposed site if the proposed site is not in a rural or micropolitan statistical area county and a 75-mile radius from the proposed site if the proposed site is in a rural or micropolitan statistical area county.

(ii) in the case of a proposed mobile MRI service or unit, except as provided in subsection (iii), the geographic area within a 20-mile radius from each proposed host site if the proposed site is not in a rural or micropolitan statistical area county and within a 75-mile radius from each proposed host site if the proposed site is in a rural or micropolitan statistical area county.

(iii) in the case of a proposed mobile MRI service or unit meeting the requirement of Section 4516(2)(d), the health service area in which all the proposed mobile host sites will be located.

(#mmm) "Public health epidemic" means an epidemic identified and controlled pursuant to MCL 333.2253(1) or MCL 333.2453(1), or an epidemic or pandemic as declared by the Centers for Disease Control (CDC) or the World Health Organization (WHO).

(mmnn) "Referring doctor" means the doctor of record who ordered the MRI procedure(s) and either to whom the primary report of the results of an MRI procedure(s) is sent or in the case of a teaching facility, the attending doctor who is responsible for the house officer or resident that requested the MRI procedure.

(nnoo) "Renewal of a lease" means extending the effective period of a lease for an existing MRI unit that does not involve either replacement of the MRI unit, as defined in Section 4, or (ii) a change in the parties to the lease.

(oopp) "Research scan" means an MRI scan administered under a research protocol approved by the applicant's IRB.

(ppqq) "Re-sedated patient" means a patient, either pediatric or adult, who fails the initial sedation during the scan time and must be extracted from the unit to rescue the patient with additional sedation.

(qqrr) "Sedated patient" means a patient that meets all of the following:

(i) whose level of consciousness is either conscious-sedation or a higher level of sedation, as defined by the American Association-SOCIETY of Anesthesiologists, the American Academy of

Pediatrics, the Joint Commission on the Accreditation of Health Care Organizations, or an equivalent definition.

- (ii) who is monitored by mechanical devices while in the magnet.
- (iii) who requires observation while in the magnet by personnel, other than employees routinely assigned to the MRI unit, who are trained in cardiopulmonary resuscitation (CPR).

(fss) "Site" means

- (i) in the case of a licensed hospital site, a location that is part of the licensed hospital site or a location that is contiguous to the licensed hospital site or
- (ii) in the case of a location that is not a licensed hospital site, a location at the same address or a location that is contiguous to that address.

(sst) "Special needs patient" means a non-sedated patient, either pediatric or adult, with any of the following conditions: down syndrome, autism, attention deficit hyperactivity disorder (ADHD), developmental delay, malformation syndromes, hunter's syndrome, multi-system disorders, psychiatric disorders, implantable cardiac devices (ICDS), and other conditions that make the patient unable to comply with the positional requirements of the exam or is unable to comply with the motionless requirements and whose resulting movements result in non-diagnostic quality images therefore requiring the technologist to repeat the same sequence in an attempt to obtain a diagnostic quality image.

(tuu) "Teaching facility" means a licensed hospital site, or other location, that provides either fixed or mobile MRI services and at which residents or fellows of a training program in diagnostic radiology, that is approved by the Accreditation Council on Graduate Medical Education or American Osteopathic Association, are assigned.

(uuvv) "Unadjusted MRI scan" means an MRI procedure performed on a single anatomical site as defined by the MRI database and that is not adjusted pursuant to the applicable provisions of **Section 4516**.

- (2) Terms defined in the Code have the same meanings when used in these standards.

Section 3. Requirements to initiate an MRI service

Sec. 3. An applicant proposing to initiate an MRI service or a host site shall demonstrate the following requirements, as applicable:

(1) An applicant proposing to initiate a fixed MRI service shall demonstrate 6,000 available MRI adjusted procedures per proposed fixed MRI unit from within the same planning area as the proposed service/unit.

(2) An applicant proposing to initiate a fixed MRI service that meets the following requirements shall not be required to be in compliance with subsection (1):

- (a) The applicant is currently an existing host site.
- (b) The applicant has received in aggregate, one of the following:
 - (i) At least 6,000 MRI adjusted procedures.
 - (ii) At least 4,000 MRI adjusted procedures and the applicant meets all of the following:
 - (A) Is located in a county that has no fixed MRI machines that are pending, approved by the Department, or operational at the time the application is deemed submitted.
 - (B) The nearest fixed MRI machine is located more than 15 radius miles from the application site.
 - (iii) At least 3,000 MRI adjusted procedures and the applicant meets all of the following:
 - (A) The proposed site is a hospital licensed under Part 215 of the Code.
 - (B) The applicant hospital operates an emergency room that provides 24-hour emergency care services and at least 20,000 visits **IF LOCATED IN A METROPOLITAN STATISTICAL AREA COUNTY, OR 10,000 VISITS IF LOCATED IN A RURAL OR MICROPOLITAN STATISTICAL AREA**, within the most recent 12-month period for which data, verifiable by the Department, is available.

(c) All of the MRI adjusted procedures from the mobile MRI service referenced in Section 3(2)(b) shall be utilized even if the aggregated data exceeds the minimum requirements.

(d) The applicant shall install the fixed MRI unit at the same site as the existing host site or within the relocation zone. If applying pursuant to Section 3(2)(b)(iii), the applicant shall install the fixed MRI unit at the same site as the existing host site.

(e) The applicant shall cease operation as a host site and not become a host site for at least 12 months from the date the fixed service and its unit becomes operational.

(3) An applicant proposing to initiate a mobile MRI service shall demonstrate 5,500 available MRI adjusted procedures from within the same planning area as the proposed service/unit, and the applicant shall meet the following:

(a) Identify the proposed route schedule and procedures for handling emergency situations.

(b) Submit copies of all proposed contracts for the proposed host site related to the mobile MRI service.

(c) Identify a minimum of two (2) host sites for the proposed service.

(4) An applicant, whether the central service coordinator or the host site, proposing to initiate a host site on a new or existing mobile MRI service shall demonstrate the following, as applicable:

(a) 600 available MRI adjusted procedures, from within the same planning area as the proposed service/unit, for a proposed host site that is not located in a rural or micropolitan statistical area county, or

(b) 400 available MRI adjusted procedures from within the same planning area for a proposed host site that is located in a rural or micropolitan statistical area county, and

(c) The proposed host site has not received any mobile MRI service within the most recent 12-month period as of the date an application is submitted to the Department.

(d) AN APPLICANT THAT OPERATES AN EXISTING FIXED MRI SERVICE AND IS PROPOSING TO INITIATE A MOBILE MRI HOST SITE AT THE SAME SITE SHALL NOT BE REQUIRED TO PROJECT AVAILABLE ADJUSTED PROCEDURES IF IT MEETS THE FOLLOWING REQUIREMENTS:

(i) EACH MOBILE MRI SERVICE(S) THAT PROPOSES TO PROVIDE MOBILE MRI SERVICES TO THE APPLICANT'S SITE CURRENTLY SERVES AND WILL CONTINUE TO SERVE AT LEAST TWO OTHER MOBILE HOST SITES.

(5) An applicant proposing to add or change service on an existing mobile MRI service that meets the following requirements shall not be required to be in compliance with subsection (4):

(a) The host site has received mobile MRI services from an existing mobile MRI unit within the most recent 12-month period as of the date an application is submitted to the Department.

(b) Submit copies of all proposed contracts for the proposed host site related to the mobile MRI service.

(6) The applicant shall demonstrate that the available MRI adjusted procedures from the "Available MRI Adjusted Procedures List" or the adjusted procedures from the "MRI Service Utilization List," as applicable, are from the most recently published MRI lists as of the date an application is deemed submitted by the Department.

Section 4. Requirements to replace an existing MRI unit

Sec. 4. Replace an existing MRI unit means (i) any equipment change involving a change in, or replacement of, the entire MRI unit resulting in an applicant operating the same number and type (fixed or mobile) of MRI units before and after project completion or (ii) ~~an equipment change that involves a capital expenditure of \$750,000 or more in any consecutive 24-month period or (iii) the renewal of a~~ lease. Replacement also means the relocation of an MRI service or unit to a new site. The term does not include the replacement of ~~components of the MRI system, including the magnet, THAT IS~~ under an existing service contract ~~or required maintenance to maintain the system to operate within manufacturer specifications.~~ The term does not include an upgrade to an existing MRI unit or repair of an existing MRI service or unit, and it does not include a host site that proposes to receive mobile MRI services from a different central service coordinator if the requirements of Section 3(5) have been met.

(1) "Upgrade an existing MRI unit" means any equipment change that
~~(i) does not involve a change in, or replacement of, the entire MRI unit~~ **SYSTEM MAGNET, does**
not result in an increase in the number of MRI units; or does not result in a change in the type of MRI unit
(e.g., changing a mobile MRI unit to a fixed MRI unit); and
~~(ii) involves a capital expenditure related to the MRI equipment of less than \$750,000 in any~~
~~consecutive 24-month period.~~

(2) "Repair an existing MRI unit" means restoring the ability of the system to operate within the manufacturer's specifications by replacing or repairing the existing components or parts of the system, including the magnet, pursuant to the terms of an existing maintenance agreement with the manufacturer of the MRI unit that does not result in a change in the strength of the MRI unit.

(3) An applicant proposing to replace an existing MRI unit shall demonstrate the following requirements:

(a) Equipment that is replaced shall be removed from service and disposed of or rendered considerably inoperable on or before the date that the replacement equipment becomes operational.

(b) The replacement unit shall be located at the same site.

(c) An applicant proposing to replace an existing MRI unit that does not involve a renewal of a lease shall demonstrate that the MRI unit to be replaced is fully depreciated according to generally accepted accounting principles; the existing equipment clearly poses a threat to the safety of the public; or the proposed replacement equipment offers a significant technological improvement which enhances quality of care, increases efficiency, and reduces operating costs.

(4) An applicant proposing to replace an existing mobile MRI host site to a new location shall demonstrate the following:

(a) The applicant currently operates the MRI mobile host site to be relocated.

(b) The MRI mobile host site to be relocated has been in operation as of the date an application is submitted to the Department.

(c) The proposed new site is within a 5-mile radius of the existing site for a metropolitan statistical area county or within a 10-mile radius for a rural or micropolitan statistical area county.

(d) The relocation will not involve a change in the current central service coordinator unless the requirements of Section 3(5) are met.

(e) THE APPLICANT CONFIRMS THAT THE HOST SITE WAS NOT INITIATED UNDER SECTION 3(4)(d).

(5) An applicant proposing to replace an existing fixed MRI service and its unit(s) to a new site shall demonstrate the following:

(a) The existing MRI service and its unit(s) to be replaced has been in operation for at least 36 months as of the date an application is submitted to the Department unless the applicant meets the requirement in subsection (c)(i) or (ii).

(b) The proposed new site is within a 10-mile radius of the existing site.

(c) Each existing MRI unit to be relocated performed at least the applicable minimum number of MRI adjusted procedures set forth in **Section 14-15** based on the most recently published MRI Service Utilization List as of the date an application is deemed submitted by the Department unless one of the requirements of subsection (i), (ii), or (iii) are met. If the application is utilizing an MRI list where the Department determines that the reporting period is impacted by a public health epidemic and the facility was prevented by law from operating at full capacity due to the public health epidemic, the applicant may annualize their MRI adjusted procedures and shall include only those months and procedures performed when the facility was not prevented by law from operating at full capacity due to the public health epidemic. If using annualized data, the applicant shall submit an affidavit confirming the months that the facility was prevented by law from operating at full capacity due to the public health epidemic.

(i) the owner of the building where the site is located has incurred a filing for bankruptcy under chapter 7 within the last three years;

(ii) the ownership of the building where the site is located has changed within 24 months of the date of the service being operational; or

(iii) the MRI service being replaced is part of the replacement of an entire hospital to a new geographic site and has only one (1) MRI unit.

(6) An applicant proposing to replace a fixed MRI unit of an existing MRI service to a new site shall demonstrate the following:

(a) The applicant currently operates the MRI service from which the unit will be relocated.

(b) The existing MRI service from which the MRI unit(s) to be relocated has been in operation for at least 36 months as of the date an application is submitted to the Department.

(c) The proposed new site is within a 10-mile radius of the existing site.

(d) Each existing MRI unit at the service from which a unit is to be relocated performed at least the applicable minimum number of MRI adjusted procedures set forth in **Section 14-15** based on the ~~most recently~~**most recently** published MRI Service Utilization List as of the date an application is deemed submitted by the Department.

(e) For volume purposes, the new site shall remain associated to the original site for a minimum of three years.

Section 5. Requirements to expand an existing MRI service

Sec. 5. An applicant proposing to expand an existing MRI service shall demonstrate the following:

(1) An applicant shall demonstrate that the applicable MRI adjustable procedures are from the most recently published MRI Service Utilization List as of the date of an application is deemed submitted by the Department:

(a) Each existing MRI unit on the network has performed at least an average of ~~9,000~~ **7,000** MRI adjusted procedures per MRI unit.

(b) Each existing fixed MRI unit at the current site has performed at least an average of ~~41,000~~ **9,000** MRI adjusted procedures per MRI unit.

(c) Each existing dedicated pediatric MRI unit at the current site has performed at least an average of 3,500 MRI adjusted procedures per MRI unit.

(d) THE APPLICANT OPERATES BOTH A FIXED MRI AND MOBILE MRI HOST SITE AT THE SAME SITE; AND

(i) THE SITE COLLECTIVELY PERFORMED AT LEAST AN AVERAGE OF 449,000 MRI ADJUSTED PROCEDURES PER EXISTING FIXED MRI UNIT WHEN ITS FIXED AND MOBILE HOST SITE MRI ADJUSTED PROCEDURES ARE COMBINED.

(ii) IT IS PROPOSING TO CEASE OPERATION AS A HOST SITE AND NOT BECOME A HOST SITE FOR AT LEAST 12 MONTHS FROM THE DATE THE PROPOSED FIXED MRI UNIT BECOMES OPERATIONAL.

(2) If the applicant is applying for expansion, and the application is utilizing an MRI list where the department determines that the reporting period is impacted by a public health epidemic, and the facility was prevented by law from operating at full capacity due to the public health epidemic, the applicant may annualize their MRI adjusted procedures and shall include only those months and procedures performed when the facility was not prevented by law from operating at full capacity due to the public health epidemic. If using annualized data, the applicant shall submit an affidavit confirming the months that the facility was prevented by law from operating at full capacity due to the public health epidemic.

(3) The additional fixed unit shall be located at the same site unless the requirements of the replacement section have been met.

370 **Section 6. Requirements to acquire an existing MRI service or an existing MRI unit(s)**

371
372 Sec. 6. An applicant proposing to acquire an existing fixed or mobile MRI service and its unit(s) shall
373 demonstrate the following:

374
375 (1) The applicant shall not be required to be in compliance with the volume requirements
376 applicable to a seller/lessor on the date the acquisition occurs if the proposed project meets one of the
377 following:

378 (a) It is the first application proposing to acquire the existing fixed or mobile MRI service and its
379 unit(s) on or after July 1, 1997.

380 (b) The existing fixed or mobile MRI service is owned by, is under common control of, or has a
381 common parent as the applicant, and the MRI service and its unit(s) shall remain at the same site.

382
383 (2) For any application proposing to acquire an existing fixed or mobile MRI service and its unit(s),
384 except an application approved pursuant to subsection (1), an applicant shall be required to document
385 that the MRI service and its unit(s) to be acquired is operating in compliance with the volume
386 requirements set forth in Section 44-15 of these standards applicable to an existing MRI service on the
387 date the application is submitted to the Department.

388
389 (3) An applicant proposing to acquire an existing fixed or mobile MRI unit of an existing MRI
390 service shall demonstrate that the proposed project meets all of the following, as applicable:

391 (a) An applicant shall demonstrate that the applicable MRI adjustable procedures are from the
392 most recently published MRI service utilization list as of the date of an application is deemed submitted by
393 the Department:

394 (i) The fixed MRI unit(s) to be acquired performed at least 6,000 MRI adjusted procedures per
395 fixed MRI unit.

396 (ii) The mobile MRI unit(s) to be acquired performed at least 5,500 MRI adjusted procedures per
397 mobile MRI unit.

398 (b) The project will not change the number of MRI units at the site from which the number of units
399 are being acquired, subject to the applicable requirements under Section 4(6), unless the applicant
400 demonstrates that the project is in compliance with the requirements of the initiation or expansion
401 Section, as applicable.

402 (c) The project will not result in the replacement of an MRI unit at the MRI service to be acquired
403 unless the applicant demonstrates that the requirements of the replacement section have been met.

404
405 (4) If the applicant is applying for acquisition, and the application is utilizing an MRI list where the
406 department determines that the reporting period is impacted by a public health epidemic, and the facility
407 was prevented by law from operating at full capacity due to the public health epidemic, the applicant may
408 annualize their MRI adjusted procedures and shall include only those months and procedures performed
409 when the facility was not prevented by law from operating at full capacity due to the public health
410 epidemic. If using annualized data, the applicant shall submit an affidavit confirming the months that the
411 facility was prevented by law from operating at full capacity due to the public health epidemic.

412
413 (5) The MRI service and its unit(s) shall be operating at the applicable volume requirements set
414 forth in Section 44-15 of these standards in the second 12 months after the effective date of the
415 acquisition, and annually thereafter.

416
417 **Section 7. Requirements to establish a dedicated research MRI unit**

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419 Sec. 7. An applicant proposing an MRI unit to be used exclusively for research shall demonstrate the
420 following:

(1) The applicant agrees that the dedicated research MRI unit will be used primarily (70% or more of the procedures) for research purposes only.

(2) Submit copies of documentation demonstrating that the applicant operates a diagnostic radiology residency program approved by the Accreditation Council for Graduate Medical Education, the American Osteopathic Association, or an equivalent organization.

(3) Submit copies of documentation demonstrating that the MRI unit shall operate under a protocol approved by the applicant's IRB.

(4) An applicant meeting the requirements of this section shall be exempt from meeting the requirements of sections to initiate and replace.

(5) The dedicated research MRI unit approved under this section may not utilize MRI adjusted procedures performed on the dedicated MRI unit to demonstrate need or to satisfy MRI CON review standards requirements.

Section 8. Requirements to establish a dedicated pediatric MRI unit

Sec. 8. An applicant proposing to establish dedicated pediatric MRI shall demonstrate all of the following:

(1) The applicant shall have experienced at least 7,000 pediatric (< 18 years old) discharges (excluding normal newborns) in the most recent year of operation.

(2) The applicant shall have performed at least 5,000 pediatric (< 18 years old) surgeries in the most recent year of operation.

(3) The applicant shall have an active medical staff that includes, but is not limited to, physicians who are fellowship-trained in the following pediatric specialties:

- (a) pediatric radiology (at least two)
- (b) pediatric anesthesiology
- (c) pediatric cardiology
- (d) pediatric critical care
- (e) pediatric gastroenterology
- (f) pediatric hematology/oncology
- (g) pediatric neurology
- (h) pediatric neurosurgery
- (i) pediatric orthopedic surgery
- (j) pediatric pathology
- (k) pediatric pulmonology
- (l) pediatric surgery
- (m) neonatology

(4) The applicant shall have in operation the following pediatric specialty programs:

- (a) pediatric bone marrow transplant program
- (b) established pediatric sedation program
- (c) pediatric open heart program

(5) An applicant meeting the requirements of this section shall be exempt from meeting the requirements of Section 5 of these standards.

474 **Section 9. Requirements for all applicants proposing to initiate, replace, or acquire a hospital**
475 **based IMRI**
476

477 Sec. 9. An applicant proposing to initiate, replace, or acquire a hospital based IMRI service shall
478 demonstrate each of the following, as applicable to the proposed project.
479

480 (1) The proposed site is a licensed hospital under Part 215 of the Code.
481

482 (2) The proposed site has an existing fixed MRI service that has been operational for the previous
483 36 consecutive months and is meeting its minimum volume requirements.
484

485 (3) The proposed site has an existing and operational surgical service and is meeting its minimum
486 volume requirements pursuant to the CON Review Standards for Surgical Services.
487

488 (4) The applicant has achieved one of the following:

489 (a) at least 1,500 oncology discharges in the most recent year of operation; or

490 (b) at least 1,000 neurological surgeries in the most recent year of operation; or

491 (c) at least 7,000 pediatric (<18 years old) discharges (excluding normal newborns) and at least
492 5,000 pediatric (<18 years old) surgeries in the most recent year of operation.
493

494 (5) The proposed IMRI unit must be located in an operating room or a room adjoining an operating
495 room allowing for transfer of the patient between the operating room and this adjoining room.
496

497 (6) Non-surgical diagnostic studies shall not be performed on an IMRI unit approved under this
498 section unless the patient meets one of the following criteria:

499 (a) the patient has been admitted to an inpatient unit; or

500 (b) the patient is having the study performed on an outpatient basis, but is in need of general
501 anesthesia or deep sedation as defined by the American Society of Anesthesiologists.
502

503 (7) The approved IMRI unit will not be subject to MRI volume requirements.
504

505 (8) The applicant shall not utilize the procedures performed on the IMRI unit to demonstrate need
506 or to satisfy MRI CON review standards requirements.
507

508 **Section 10. Requirements for all applicants proposing to initiate, replace, or acquire a hospital**
509 **based MRI-guided EPI service**
510

511 Sec. 10. An applicant proposing to initiate, replace, or acquire a hospital based MRI-guided EPI
512 service shall demonstrate each of the following, as applicable to the proposed project.
513

514 (1) The proposed site is a licensed hospital under part 215 of the Code.
515

516 (2) The proposed site has an existing fixed MRI service that has been operational for the previous
517 36 consecutive months and is meeting its minimum volume requirements.
518

519 (3) The proposed site has an existing and operational therapeutic cardiac catheterization service
520 and is meeting its minimum volume requirements pursuant to the CON review standards for cardiac
521 catheterization services and open heart surgery services.
522

523 (4) The proposed MRI-guided EPI unit must be located in a cardiac catheterization lab containing a
524 ~~fluoroscopy~~FLUOROSCOPY unit with an adjoining room containing an MRI scanner. The rooms shall
525 contain a patient transfer system allowing for transfer of the patient between the cardiac catheterization
526 lab and the MRI unit, utilizing one of the following:

- 527 (a) moving the patient to the MRI scanner, or
528 (b) installing the MRI scanner on a sliding gantry to allow the patient to remain stationary.
529
530 (5) Non-cardiac MRI diagnostic studies shall not be performed in an MRI-guided EPI unit approved
531 under this section unless the patient meets one of the following criteria:
532 (a) The patient has been admitted to an inpatient unit; or
533 (b) The patient is having the study performed on an outpatient basis as follows:
534 (i) is in need of general anesthesia or deep sedation as defined by the American Society of
535 Anesthesiologists, or
536 (ii) has an implantable cardiac device.
537
538 (6) The approved MRI-guided EPI unit shall not be subject to MRI volume requirements.
539
540 (7) The applicant shall not utilize the procedures performed on the MRI-guided EPI unit to
541 demonstrate need or to satisfy MRI CON review standards requirements.
542

543 **Section 11. Requirements for all applicants proposing to initiate, replace, or acquire an MRI**
544 **simulator that will not be used solely for MRT treatment planning purposes**
545

546 Sec. 11. MRI simulation is the use of MRI to help simulate (or plan) a patient's MRT treatment and to
547 incorporate superior delineation of soft tissues for MRT treatment plans. An applicant proposing to
548 initiate, replace, or acquire an MRI simulator shall demonstrate each of the following, as applicable to the
549 proposed project.

550 (1) The proposed site has an existing fixed MRI service that has been operational for the previous
551 36 consecutive months and is meeting its minimum volume requirements.
552

553 (2) The proposed site has an existing and operational MRT service and is meeting its minimum
554 volume requirements pursuant to the CON review standards for MRT services/units.
555

556 (3) MRI diagnostic studies shall not be performed using an MRI simulator approved under this
557 section unless the patient meets one of the following criteria:

- 558 (a) The patient has been admitted to an inpatient unit; or
559 (b) The patient is having the study performed on an outpatient basis, but is in need of general
560 anesthesia or deep sedation as defined by the American Society of Anesthesiologists.
561

562 (4) The approved MRI simulator will not be subject to MRI volume requirements.
563

564 (5) The applicant shall not utilize the procedures performed on the MRI simulator to demonstrate
565 need or to satisfy MRI CON review standards requirements.
566

567 **Section 12. Requirements for approval of an FDA-approved PET/MRI scanner hybrid for initiation,**
568 **expansion, replacement, and acquisition**
569

570 Sec. 12. An applicant proposing to initiate, expand, replace, or acquire an FDA-approved PET/MRI
571 scanner hybrid shall demonstrate that it meets all of the following:
572

573 (1) There is an approved PET CON for the FDA-approved PET/MRI hybrid, and the FDA-approved
574 PET/MRI scanner hybrid is in compliance with all applicable project delivery requirements as set forth in
575 the CON review standards for PET.
576

577 (2) The applicant agrees to operate the FDA-approved PET/MRI scanner hybrid in accordance with
578 all applicable project delivery requirements set forth in **Section 14-15** of these standards.
579

(3) The approved FDA-approved PET/MRI scanner hybrid shall not be subject to MRI volume requirements.

(4) An FDA-approved PET/MRI scanner hybrid approved under the CON review standards for PET scanner services and the review standards for MRI scanner services may not utilize MRI procedures performed on an FDA-approved PET/MRI scanner hybrid to demonstrate need or to satisfy MRI CON review standards requirements.

SECTION 13. REQUIREMENTS FOR ALL APPLICANTS PROPOSING TO INITIATE, REPLACE, OR ACQUIRE AN FDA-APPROVED HOSPITAL-BASED PORTABLE MRI UNIT.

SEC. 13. AN APPLICANT PROPOSING TO INITIATE, EXPAND, REPLACE, OR ACQUIRE AN FDA-APPROVED HOSPITAL-BASED PORTABLE MRI UNIT SHALL DEMONSTRATE THAT IT MEETS ALL OF THE FOLLOWING:

(1) AN APPLICANT IS LIMITED TO THE INITIATION, EXPANSION, REPLACEMENT, OR ACQUISITION OF NO MORE THAN TWO HOSPITAL-BASED PORTABLE MRI UNITS.

(2) THE PROPOSED SITE IS A HOSPITAL LICENSED UNDER PART 215 OF THE CODE.

(3) THE PROPOSED SITE HAS AN EXISTING FIXED MRI SERVICE THAT HAS BEEN OPERATIONAL FOR THE PREVIOUS 36 CONSECUTIVE MONTHS AND IS MEETING ITS MINIMUM VOLUME REQUIREMENTS.

(4) THE APPLICANT HOSPITAL IS DESIGNATED AS A LEVEL I OR II TRAUMA FACILITY BY THE AMERICAN COLLEGE OF SURGEONS AND HAS BEEN CERTIFIED AS A COMPREHENSIVE STROKE CENTER BY THE JOINT COMMISSION, THE ACCREDITATION COMMISSION FOR HEALTH CARE, INC., OR DET NORSKE VERITAS OR HAS CARED FOR MORE THAN 500 ACUTE STROKE PATIENTS IN THE MOST RECENT 12-MONTH PERIOD IF LOCATED IN A METROPOLITAN COUNTY OR 300 ACUTE STROKE PATIENTS IN THE MOST RECENT 12-MONTH PERIOD IF LOCATED IN A RURAL OR MICROPOLITAN COUNTY.

(5) THE APPLICANT AGREES TO OPERATE THE FDA-APPROVED HOSPITAL-BASED PORTABLE MRI UNIT IN ACCORDANCE WITH ALL APPLICABLE PROJECT DELIVERY REQUIREMENTS SET FORTH IN SECTION 15 OF THESE STANDARDS.

(6) THE AUTHORIZED FDA-APPROVED HOSPITAL-BASED PORTABLE MRI UNIT WILL NOT BE SUBJECT TO MRI VOLUME REQUIREMENTS.

(7) THE APPLICANT MAY NOT UTILIZE MRI PROCEDURES PERFORMED ON AN FDA-APPROVED HOSPITAL-BASED PORTABLE MRI UNIT TO DEMONSTRATE NEED OR TO SATISFY MRI CON REVIEW STANDARDS REQUIREMENTS.

Section 1314. Requirements for all applicants

Sec. 1314. An applicant shall provide verification of Medicaid participation. An applicant that is a new provider not currently enrolled in Medicaid shall certify that proof of Medicaid participation will be provided to the Department within six (6) months from the offering of services if a CON is approved.

Section 1415. Project delivery requirements – terms of approval

632 **Sec. 4415.** An applicant shall agree that, if approved, MRI services, whether fixed or mobile, shall be
633 delivered and maintained in compliance with the following:

634 (1) Compliance with these standards.

635 (2) Compliance with the following quality assurance standards:

636 (a) An applicant shall develop and maintain policies and procedures that establish protocols for
637 assuring the effectiveness of operation and the safety of the general public, patients, and staff in the MRI
638 service.

639 (b) An applicant shall establish a schedule for preventive maintenance for the MRI unit.

640 (c) An applicant shall provide documentation identifying the specific individuals that form the MRI
641 team. At a minimum, the MRI team shall consist of the following professionals:

642 (i) Physicians who shall be responsible for screening of patients to assure appropriate utilization of
643 the MRI service and taking and interpretation of scans. At least one of these physicians shall be a
644 board-certified radiologist.

645 (ii) An appropriately trained MRI technician who shall be responsible for taking an MRI scan.

646 (iii) An MRI physicist/engineer available as a team member on a full-time, part-time, or contractual
647 basis.

648 (d) An applicant shall document that the MRI team members have the following qualifications:

649 (i) Each physician credentialed to interpret MRI scans meets the requirements of each of the
650 following:

651 (A) The physician is licensed to practice medicine in the State of Michigan.

652 (B) The physician has had at least 60 hours of training in MRI physics, MRI safety, and MRI
653 instrumentation in a program that is part of an imaging program accredited by the Accreditation Council
654 for Graduate Medical Education or the American Osteopathic Association, and the physician meets the
655 requirements of subdivision (1), (2), or (3):

656 (1) Board certification by the American Board of Radiology, the American Osteopathic Board of
657 Radiology, or the Royal College of Physicians and Surgeons of Canada. If the diagnostic radiology
658 program completed by a physician in order to become board certified did not include at least two months
659 of MRI training, that physician shall document that he or she has had the equivalent of two months of
660 postgraduate training in clinical MRI imaging at an institution which has a radiology program accredited by
661 the Accreditation Council for Graduate Medical Education or the American Osteopathic Association.

662 (2) Formal training by an imaging program(s), accredited by the Accreditation Council for Graduate
663 Medical Education or the American Osteopathic Association that included two years of training in cross-
664 sectional imaging and six months training in organ-specific imaging areas.

665 (3) A practice in which at least one-third of total professional time, based on a full-time clinical
666 practice during the most recent 5-year period, has been the primary interpretation of MR imaging.

667 (C) The physician has completed and will complete a minimum of 40 hours every two years of
668 Category in Continuing Medical Education credits in topics directly involving MR imaging.

669 (D) The physician complies with the "American College of Radiology (ACR) Practice Parameter for
670 Performing and Interpreting Magnetic Resonance Imaging (MRI)."

671 (ii) An MRI technologist who is registered by the American Registry of Radiologic Technicians or
672 by the American Registry of Magnetic Resonance Imaging Technologists (ARMRIT) and has, or will have
673 within 36 months of the effective date of these standards or the date a technologist is employed by an
674 MRI service, whichever is later, special certification in MRI. If a technologist does not have special
675 certification in MRI within either of the 3-year periods of time, all continuing education requirements shall
676 be in the area of MRI services.

677 (iii) An applicant shall document that an MRI physicist/engineer is appropriately qualified. For
678 purposes of evaluating this subdivision, the Department shall consider it prima facie evidence as to the
679 qualifications of the physicist/engineer if the physicist/engineer is certified as a medical physicist by the
680 American Board of Radiology, the American Board of Medical Physics, or the American Board of Science
681 in Nuclear Medicine. However, the applicant may submit and the Department may accept other evidence
682 that an MRI physicist/engineer is qualified appropriately.

(e) The applicant shall have, within the MRI unit/service, equipment and supplies to handle clinical emergencies that might occur in the unit. MRI service staff will be trained in CPR and other appropriate emergency interventions. A physician shall be on-site, in, or immediately available to the MRI unit at all times when patients are undergoing scans.

(3) Compliance with the following access to care requirements:
The applicant, to assure that the MRI unit will be utilized by all segments of the Michigan population, shall

- (a) provide MRI services to all individuals based on the clinical indications of need for the service and not on ability to pay or source of payment.
- (b) maintain information by source of payment to indicate the volume of care from each source provided annually.
- (c) An applicant shall participate in Medicaid at least 12 consecutive months within the first two years of operation and continue to participate annually thereafter.
- (d) The operation of and referral of patients to the MRI unit shall be in conformance with 1978 PA 368, Sec. 16221, as amended by 1986 PA 319; MCL 333.16221; MSA 14.15 (16221).

(4) Compliance with the following monitoring and reporting requirements:

- (a) MRI units shall be operating at a minimum average annual utilization during the second 12 months of operation, and annually thereafter, as applicable:
 - (i) ~~6,000~~ **5,000** MRI adjusted procedures per unit for fixed MRI services unless compliant with (A), ~~or (B) OR (C).~~
 - (A) 4,000 MRI adjusted procedures for the fixed MRI unit initiated pursuant to Section 3(2)(b)(ii) and is the only fixed MRI unit at the current site,
 - (B) 3,000 MRI adjusted procedures for the fixed MRI unit initiated pursuant to Section 3(2)(b)(iii) and is the only fixed MRI unit at the hospital site licensed under part 215 of the code,
 - (C) 2,000 MRI ADJUSTED PROCEDURES PER UNIT PER YEAR FOR MRI SERVICES WITH ONE FIXED UNIT LOCATED OUTSIDE THE 20-MILE RADIUS FROM THE NEXT CLOSEST FIXED MRI SERVICE.**
 - (ii) ~~5,500~~ **3,500** MRI adjusted procedures per unit for mobile MRI services.
 - (iii) 3,500 MRI adjusted procedures per unit for dedicated pediatric MRI units.
 - (iv) Each mobile host site in a rural or micropolitan statistical area county shall have provided at least a total of 400 adjusted procedures during its second 12 months of operation, and annually thereafter, from all mobile units providing services to the site. Each mobile host site not in a rural or micropolitan statistical area county shall have provided at least a total of 600 adjusted procedures during its second 12 months of operation and annually thereafter, from all mobile units providing services to the site.
 - (v) In meeting these requirements, an applicant shall not include any MRI adjusted procedures performed on an MRI unit used exclusively for research and approved pursuant to Section 7 or for an IMRI unit approved pursuant to Section 9.

(b) The applicant shall participate in a data collection network established and administered by the Department or its designee. The data may include, but is not limited to, operating schedules, demographic and diagnostic information, and the volume of care provided to patients from all payor sources, as well as other data requested by the Department or its designee and approved by the Commission. The applicant shall provide the required data in a format established by the Department and in a mutually agreed upon media no later than 30 days following the last day of the quarter for which data are being reported to the Department. An applicant shall be considered in violation of this term of approval if the required data are not submitted to the Department within 30 days following the last day of the quarter for which data are being reported. The Department may elect to verify the data through on-site review of appropriate records. Data for an MRI unit approved pursuant to Section 7, Section 8, Section 9, Section 10, or Section 11 shall be reported separately. For purposes of Section 9, the data reported shall include, at a minimum, how often the IMRI unit is used and for what type of services, i.e., intra-operative or diagnostic. For purposes of Section 10, the data

reported shall include, at a minimum, how often the MRI-guided EPI unit is used and for what type of services, i.e., electrophysiology or diagnostic. For purposes of Section 11, the data reported shall include, at a minimum, how often the MRI simulator is used and for what type of services, i.e., treatment plans or diagnostic services.

(c) The applicant shall provide the Department with a notice stating the first date on which the MRI unit became operational, and such notice shall be submitted to the Department consistent with applicable statute and promulgated rules.

(d) An applicant who is a central service coordinator shall notify the Department of any additions, deletions, or changes in the host sites of each approved mobile MRI unit after the change(s) in host sites is made.

(5) An applicant for an MRI unit approved under Section 7 shall agree that the services provided by the MRI unit are delivered in compliance with the following terms.

(a) The capital and operating costs relating to the research use of the MRI unit shall be charged only to a specific research account(s) and not to any patient or third-party payor.

(b) The MRI unit shall not be used for any purposes other than as approved by the IRB unless the applicant has obtained CON approval for the MRI unit pursuant to Part 222 and these standards, other than Section 7.

(c) The dedicated research MRI unit will be used primarily (70% or more of the procedures) for research purposes only.

(6) The dedicated pediatric MRI unit approved under Section 8 shall include at least 80% of the MRI procedures that are performed on patients under 18 years of age.

(7) AN APPLICANT APPROVED UNDER SECTION 3(4)(d) SHALL AGREE THAT THE SERVICES PROVIDED BY THE MOBILE MRI SERVICE(S) ARE DELIVERED IN COMPLIANCE WITH THE FOLLOWING TERMS:

(a) EACH MOBILE MRI SERVICE(S) THAT PROVIDES MOBILE MRI SERVICES TO THE APPLICANT'S SITE ALSO SERVES AND WILL CONTINUE TO SERVE AT LEAST TWO OTHER MOBILE HOST SITES.

(78) AN APPLICANT APPROVED UNDER SECTION 13 SHALL BE IN COMPLIANCE WITH THE FOLLOWING:

(a) THE FDA-APPROVED HOSPITAL-BASED PORTABLE MRI UNIT CAN ONLY BE USED BY A QUALIFYING PROGRAM FOR BRAIN SCANNING OF PATIENTS BEING TREATED IN A DEDICATED NEUROSCIENCE UNIT, AN ADULT OR PEDIATRIC INTENSIVE CARE UNIT (ICU) AND/OR AN OPERATING ROOM.

(b) THE APPROVED APPLICANT MUST HAVE AN INSTITUTIONAL MRI SAFETY COMMITTEE.

(c) THE APPROVED APPLICANT MUST PROVIDE ANNUAL REPORTS TO THE DEPARTMENT BY APRIL 30TH OF EACH YEAR FOR THE PRECEDING CALENDAR YEAR, WHICH INCLUDE AT LEAST ALL OF THE FOLLOWING VISITS PERFORMED ON THE FDA-APPROVED HOSPITAL-BASED PORTABLE MRI UNIT:

(d) THE FOLLOWING PORTABLE MRI DATA MUST BE REPORTED TO THE DEPARTMENT:

(i) NUMBER OF ADULT VISITS (AGE \geq 18)

(ii) NUMBER OF PEDIATRIC VISITS (AGE $<$ 18)

(iii) NUMBER OF VISITS PERFORMED IN AN ICU

(iv) NUMBER OF VISITS PERFORMED IN A DEDICATED NEUROSCIENCE UNIT

(v) NUMBER OF VISITS PERFORMED IN AN OPERATING ROOM

(789) The agreements and assurances required by this section shall be in the form of a certification agreed to by the applicant or its authorized agent.

Section 1516. MRI procedure adjustments

791 **Sec. 4516.** (1) The Department shall apply the following formula, as applicable, to determine the
792 number of MRI adjusted procedures that are performed by an existing MRI service or unit:
793 (a) The base value for each MRI procedure is 1.0. For functional MRI (fMRI) procedures, MRI-
794 guided interventions, and cardiac MRI procedures, the base value is 2.0.
795 (i) fMRI means brain activation studies.
796 (ii) MRI-guided interventions means any invasive procedure performed requiring MRI guidance
797 performed in the MRI scanner.
798 (iii) Cardiac MRI Procedure means dedicated MRI performed of the heart done for the sole purpose
799 of evaluation of cardiac function, physiology, or viability.
800 (b) For each MRI visit involving a pediatric patient, 0.25 shall be added to the base value.
801 (c) For each MRI visit involving an inpatient, 0.50 shall be added to the base value.
802 (d) For each MRI procedure performed on a sedated patient, ~~0.75 shall be added to the base~~
803 ~~value.~~
804 (i) 0.75 SHALL BE ADDED TO THE BASE VALUE FOR CONSCIOUS SEDATION; AND
805 (ii) 1.50 SHALL BE ADDED TO THE BASE VALUE FOR GENERAL ANESTHESIA OR DEEP
806 SEDATION AS DEFINED BY THE AMERICAN SOCIETY OF ANESTHESIOLOGISTS.
807 (e) For each MRI procedure performed on a re-sedated patient, 0.25 shall be added to the base
808 value.
809 (f) For each MRI procedure performed on a special needs patient, 0.25 shall be added to the base
810 value.
811 (g) For each MRI visit that involves both a clinical and research scan on a single patient in a single
812 visit, 0.25 shall be added to the base value.
813 (h) For each contrast MRI procedure performed after use of a contrast agent, and not involving a
814 procedure before use of a contrast agent, 0.35 shall be added to the base value.
815 (i) For each contrast MRI procedure involving a procedure before and after use of a contrast
816 agent, 1.0 shall be added to the base value.
817 (j) For each MRI procedure performed at a teaching facility, 0.15 shall be added to the base value.
818 (k) The results of subsections (a) through (j) shall be summed, and that sum shall represent an
819 MRI adjusted procedure.
820
821 (2) The Department shall apply not more than one of the adjustment factors set forth in this
822 subsection, as applicable, to the number of MRI procedures adjusted in accordance with the applicable
823 provisions of subsection (1) that are performed by an existing MRI service or unit.
824 (a) For a site located in a rural or micropolitan statistical area county, the number of MRI adjusted
825 procedures shall be multiplied by a factor of 1.4.
826 (b) For a mobile MRI unit that serves hospitals and other host sites located in rural, micropolitan
827 statistical area, and metropolitan statistical area counties, the number of MRI adjusted procedures for a
828 site located in a rural or micropolitan statistical area county, shall be multiplied by a factor of 1.4 and for a
829 site located in a metropolitan statistical area county, the number of MRI adjusted procedures shall be
830 multiplied by a factor of 1.0.
831 (c) For a mobile MRI unit that serves only sites located in rural or micropolitan statistical area
832 counties, the number of MRI adjusted procedures shall be multiplied by a factor of 2.0.
833 (d) For a mobile MRI unit that serves only sites located in a health service area with one or fewer
834 fixed MRI units and one or fewer mobile MRI units, the number of MRI adjusted procedures shall be
835 multiplied by a factor of 3.5.
836 (e) Subsection (2) shall not apply to an application proposing a subsequent fixed MRI unit (second,
837 third, etc.) at the same site.
838
839 (3) The number of MRI adjusted procedures performed by an existing MRI service is the sum of
840 the results of subsections (1) and (2).
841
842

843 **Section 4617. Documentation of actual utilization**

844
845 **Sec. 4617.** Documentation of the number of MRI procedures performed by an MRI unit shall be
846 substantiated by the Department utilizing data submitted by the applicant in a format and media specified
847 by the Department and as verified for the 12-month period reported on the most recently published "MRI
848 Service Utilization List" as of the date an application is deemed submitted by the Department. The
849 number of MRI procedures actually performed shall be documented by procedure records and not by
850 application of the methodology required in **Section 4718**. The Department may elect to verify the data
851 through on-site review of appropriate records.

852
853 **Section 4718. Methodology for computing the number of available MRI adjusted procedures**
854

855 **Sec. 4718.** (1) The number of available MRI adjusted procedures required pursuant to Section 3
856 shall be computed in accordance with the methodology set forth in this section. In applying the
857 methodology, the following steps shall be taken in sequence, and data for the 12-month period reported
858 on the most recently published "Available MRI Adjusted Procedures List," as of the date an application is
859 deemed submitted by the Department, shall be used:

860 (a) Identify the number of actual MRI adjusted procedures performed by each existing MRI service
861 as determined pursuant to **Section 4516**.

862 (i) For purposes of computing actual MRI adjusted procedures, MRI adjusted procedures
863 performed on MRI units used exclusively for research and approved pursuant to Section 7 and dedicated
864 pediatric MRI approved pursuant to Section 8 shall be excluded.

865 (ii) For purposes of computing actual MRI adjusted procedures, the MRI adjusted procedures, from
866 the host site routes utilized to meet the requirements of Section 3(2)(c), shall be excluded beginning at
867 the time the application is submitted and for three years from the date the fixed MRI unit becomes
868 operational.

869 (iii) For purposes of computing actual MRI adjusted procedures, the MRI adjusted procedures
870 utilized to meet the requirements of Section 5(1) shall be reduced by 8,000 and shall be excluded
871 beginning at the time the application is submitted and for three years from the date the fixed MRI unit
872 becomes operational.

873 (b) Identify the number of available MRI adjusted procedures, if any, for each existing MRI service
874 as determined pursuant to Section 2(1)(c).

875 (c) Determine the number of available MRI adjusted procedures that each referring doctor may
876 commit from each service to an application in accordance with the following:

877 (i) Divide the number of available MRI adjusted procedures identified in subsection (b) for each
878 service by the number of actual MRI adjusted procedures identified in subsection (a) for that existing MRI
879 service.

880 (ii) For each doctor referring to that existing service, multiply the number of actual MRI adjusted
881 procedures that the referring doctor made to the existing MRI service by the applicable proportion
882 obtained by the calculation in subdivision (c)(i).

883 (A) For each doctor, subtract any available adjusted procedures previously committed. The total
884 for each doctor cannot be less than zero.

885 (B) The total number of available adjusted procedures for that service shall be the sum of the
886 results of (A) above.

887 (iii) For each MRI service, the available MRI adjusted procedures resulting from the calculation in
888 (c)(ii) above shall be sorted in descending order by the available MRI adjusted procedures for each
889 doctor. Then any duplicate values shall be sorted in descending order by the doctors' license numbers
890 (last 6 digits only).

891 (iv) Using the data produced in (c)(iii) above, sum the number of available adjusted procedures in
892 descending order until the summation equals at least 75 percent of the total available adjusted
893 procedures. This summation shall include the minimum number of doctors necessary to reach the 75
894 percent level.

895 (v) For the doctors representing 75 percent of the total available adjusted procedures in (c)(iv)
896 above, sum the available adjusted procedures.

(vi) For the doctors used in subsection (c)(v) above, divide the total number of available adjusted procedures identified in (c)(ii)(B) above by the sum of those available adjusted procedures produced in (c)(v) above.

(vii) For only those doctors identified in (c)(v) above, multiply the result of (c)(vi) above by the available adjusted procedures calculated in (c)(ii)(A) above.

(viii) The result shall be the "Available MRI Adjusted Procedures List."

(2) After publication of the "Available MRI Adjusted Procedures List" resulting from (1) above, the data shall be updated to account for a) doctor commitments of available MRI adjusted procedures in subsequent MRI CON applications and b) MRI adjusted procedures used in subsequent MRI CON applications received in which applicants apply for fixed MRI services pursuant to Section 3(2).

Section 4819. Procedures and requirements for commitments of available MRI adjusted procedures

Sec. 4819. (1) If one or more host sites on a mobile MRI service are located within the planning area of the proposed site, the applicant may access available MRI adjusted procedures from the entire mobile MRI service.

(2)(a) At the time the application is submitted to the Department, the applicant shall submit a signed data commitment on a form provided by the Department in response to the applicant's letter of intent for each doctor committing available MRI adjusted procedures to that application for a new MRI unit that requires doctor commitments.

(b) An applicant also shall submit, at the time the application is submitted to the Department, a computer file that lists, for each MRI service from which data are being committed to the same application, the name and license number of each doctor for whom a signed and dated data commitment form is submitted.

(i) The computer file shall be provided to the Department on mutually agreed upon media and in a format prescribed by the Department.

(ii) If the doctor commitments submitted on the Departmental forms do not agree with the data on the computer file, the applicant shall be allowed to correct only the computer file data which includes adding physician commitments that were submitted at the time of application.

(c) If the required documentation for the doctor commitments submitted under this subsection is not submitted with the application on the designated application date, the application will be deemed submitted on the first applicable designated application date after all required documentation is received by the Department.

(3) SUBSECTION 19(2) SHALL NOT APPLY IF THE PROPOSED PROJECT INVOLVES THE INITIATION OF A MOBILE MRI HOST SITE UNDER SECTION 3(4)(d) IF THE MOBILE MRI HOST SITE WILL BE AT THE SAME SITE AS A FIXED MRI SERVICE AND THE HOST SITE WILL BE OWNED BY THE SAME APPLICANT ENTITY AS THE FIXED MRI SERVICE.

(34) The Department shall consider a signed and dated data commitment on a form provided by the Department in response to the applicant's letter of intent that meets the requirements of each of the following, as applicable:

(a) A committing doctor certifies that 100% of his or her available MRI adjusted procedures for each specified MRI service, calculated pursuant to **Section 4718**, is being committed and specifies the CON application number for the MRI unit to which the data commitment is made. A doctor shall not be required to commit available MRI adjusted procedures from all MRI services to which his or her patients are referred for MRI services but only from those MRI services specified by the doctor in the data commitment form provided by the Department and submitted by the applicant in support of its application.

(b) A committing doctor certifies ownership interest, either direct or indirect, in the applicant entity. Indirect ownership includes ownership in an entity that has ownership interest in the applicant entity. This

requirement shall not apply if the applicant entity is a group practice of which the committing doctor is a member. Group practice means a group practice as defined pursuant to the provisions of 42 U.S.C. 1395nn (h)(4), commonly known as Stark II, and the Code of Federal Regulations, 42 CFR, Part 411, published in the Federal Register on August 14, 1995, or its replacement.

(c) A committing doctor certifies that he or she has not been provided, or received a promise of being provided, a financial incentive to commit any of his or her available MRI adjusted procedures to the application.

(45)(a) The Department shall not consider a data commitment from a doctor for available MRI adjusted procedures from a specific MRI service if the available MRI adjusted procedures from that specific MRI service were used to support approval of an application for a new MRI unit, pursuant to Section 3, for which a final decision to approve has been issued by the Director of the Department until either of the following occurs:

(i) The approved CON is withdrawn or expires.

(ii) The MRI service or unit to which the data were committed has been in operation for at least 36 continuous months.

(b) The Department shall not consider a data commitment from a doctor for available MRI adjusted procedures from a specific MRI service if the available MRI adjusted procedures from that specific MRI service were used to support an application for a new fixed or mobile MRI unit pursuant to Section 3, for which a final decision to disapprove was issued by the Director of the Department until either of the following occurs:

(i) A final decision to disapprove an application is issued by the Director and the applicant does not appeal that disapproval or

(ii) If an appeal was made, the appeal is withdrawn by the applicant.

(56) The Department shall not consider a data commitment from a committing doctor for available MRI adjusted procedures from the same MRI service if that doctor has submitted a signed data commitment, on a form provided by Department, for more than one (1) application for which a final decision has not been issued by the Department. If the Department determines that a doctor has submitted a signed data commitment for the same available MRI adjusted procedures from the same MRI service to more than one CON application pending a final decision for a new fixed or mobile MRI unit or additional mobile MRI unit pursuant to Section 3, the Department shall,

(a) if the applications were submitted on the same designated application date, notify all applicants, simultaneously and in writing, that one or more doctors have submitted data commitments for available MRI adjusted procedures from the same MRI service and that the doctors' data from the same MRI service shall not be considered in the review of any of the pending applications submitted on the same designated application date until the doctor notifies the Department, in writing, of the one (1) application for which the data commitment shall be considered.

(b) if the applications were submitted on different designated application dates, consider the data commitment in the application submitted on the earliest designated application date and shall notify, simultaneously in writing, all applicants of applications submitted on designated application dates subsequent to the earliest date that one or more committing doctors have submitted data commitments for available MRI adjusted procedures from the same MRI service and that the doctors' data shall not be considered in the review of the application(s) submitted on the subsequent designated application date(s).

(67) The Department shall not consider any data commitment submitted by an applicant after the date an application is deemed submitted unless an applicant is notified by the Department, pursuant to subsection (56), that one or more committing doctors submitted data commitments for available MRI adjusted procedures from the same MRI service. If an applicant is notified that one or more doctors' data commitments will not be considered by the Department, the Department shall consider data commitments submitted after the date an application is deemed submitted only to the extent necessary to replace the data commitments not being considered pursuant to subsection (56).

(a) The applicant shall have 30 days to submit replacement of doctor commitments as identified by the Department in this Section.

(78) The Department shall not consider a withdrawal of a signed data commitment on or after the date an application is deemed submitted by the Department.

(89) The Department shall consider a withdrawal of a signed data commitment if a committing doctor submits a written notice to the Department before the application is deemed submitted, that specifies the CON application number and the specific MRI services for which a data commitment is being withdrawn.

Section 4920. Lists published by the Department

Sec. 4920. (1) On or before May 1 and November 1 of each year, the Department shall publish the following lists:

(a) A list, known as the "MRI Service Utilization List," of all MRI services in Michigan that includes at least the following for each MRI service:

- (i) The number of actual MRI adjusted procedures;
- (ii) The number of available MRI adjusted procedures, if any; and
- (iii) The number of MRI units, including whether each unit is a clinical, research, or dedicated pediatric.

(b) A list, known as the "Available MRI Adjusted Procedures List," that identifies each MRI service that has available MRI adjusted procedures and includes at least the following:

- (i) The number of available MRI adjusted procedures;
- (ii) The name, address, and license number of each referring doctor, identified in **Section 4718(1)(c)(v)**, whose patients received MRI services at that MRI service; and
- (iii) The number of available MRI adjusted procedures performed on patients referred by each referring doctor, identified in **Section 4718(1)(c)(v)**, and if any are committed to an MRI service. This number shall be calculated in accordance with the requirements of **Section 4718(1)**. A referring doctor may have fractional portions of available MRI adjusted procedures.

(c) For the lists published pursuant to subsections (a) or (b), the May 1 list will report 12 months of data from the previous January 1 through December 31 reporting period, and the November 1 list will report 12 months of data from the previous July 1 through June 30 reporting period. Copies of both lists shall be available upon request.

(d) The Department shall not be required to publish a list that sorts MRI database information by referring doctor, only by MRI service.

(2) When an MRI service begins to operate at a site at which MRI services previously were not provided, the Department shall include in the MRI database, data beginning with the second full quarter of operation of the new MRI service. Data from the start-up date to the start of the first full quarter will not be collected to allow a new MRI service sufficient time to develop its data reporting capability. Data from the first full quarter of operation will be submitted as test data but will not be reported in the lists published pursuant to this section.

(3) In publishing the lists pursuant to subsections (a) and (b), if an MRI service has not reported data in compliance with the requirements of **Section 4415**, the Department shall indicate on both lists that the MRI service is in violation of the requirements set forth in **Section 4415**, and no data will be shown for that service on either list.

Section 2021. Effect on prior CON Review Standards; Comparative reviews

1054 Sec. 2021. (1) These CON review standards supersede and replace the CON Review Standards for
1055 MRI Services approved by the CON Commission on ~~June 15, 2016~~MARCH 18, 2021 and effective
1056 ~~October 21, 2016~~MAY 28, 2021.

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1058 (2) Projects reviewed under these standards shall not be subject to comparative review.
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Section 2422. Health Service Areas

Sec. 2422. Counties assigned to each of the health service areas are as follows:

HSA	COUNTIES			
1	Livingston Macomb Wayne	Monroe Oakland	St. Clair Washtenaw	
2	Clinton Eaton	Hillsdale Ingham	Jackson Lenawee	
3	Barry Berrien Branch	Calhoun Cass Kalamazoo	St. Joseph Van Buren	
4	Allegan Ionia Kent Lake	Mason Mecosta Montcalm Muskegon	Newaygo Oceana Osceola Ottawa	
5	Genesee	Lapeer	Shiawassee	
6	Arenac Bay Clare Gladwin Gratiot	Huron Iosco Isabella Midland Ogemaw	Roscommon Saginaw Sanilac Tuscola	
7	Alcona Alpena Antrim Benzie Charlevoix Cheboygan	Crawford Emmet Gd Traverse Kalkaska Leelanau Manistee	Missaukee Montmorency Oscoda Otsego Presque Isle Wexford	
8	Alger Baraga Chippewa Delta Dickinson	Gogebic Houghton Iron Keweenaw Luce	Mackinac Marquette Menominee Ontonagon Schoolcraft	

APPENDIX A

Rural Michigan counties are as follows:

Alcona	Gogebic	Ogemaw
Alger	Huron	Ontonagon
Antrim	Iosco	Osceola
Arenac	Iron	Oscoda
Baraga	Lake	Otsego
Charlevoix	Luce	Presque Isle
Cheboygan	Mackinac	Roscommon
Clare	Manistee	Sanilac
Crawford	Montmorency	Schoolcraft
Emmet	Newaygo	Tuscola
Gladwin	Oceana	

Micropolitan statistical area Michigan counties are as follows:

Allegan	Hillsdale	Mason
Alpena	Houghton	Mecosta
Benzie	Ionia	Menominee
Branch	Isabella	Missaukee
Chippewa	Kalkaska	St. Joseph
Delta	Keweenaw	Shiawassee
Dickinson	Leelanau	Wexford
Grand Traverse	Lenawee	
Gratiot	Marquette	

Metropolitan statistical area Michigan counties are as follows:

Barry	Jackson	Muskegon
Bay	Kalamazoo	Oakland
Berrien	Kent	Ottawa
Calhoun	Lapeer	Saginaw
Cass	Livingston	St. Clair
Clinton	Macomb	Van Buren
Eaton	Midland	Washtenaw
Genesee	Monroe	Wayne
Ingham	Montcalm	

Source:

75 F.R., p. 37245 (June 28, 2010)
Statistical Policy Office
Office of Information and Regulatory Affairs
United States Office of Management and Budget